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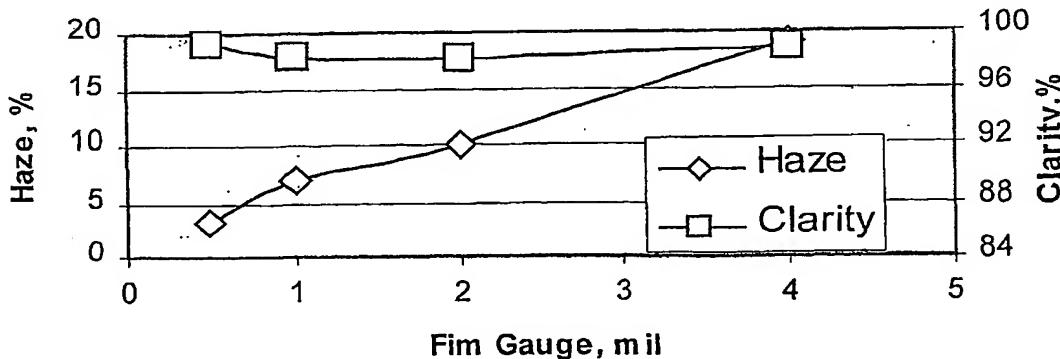
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(54) Title: POLYPROPYLENE COMPOSITION FOR AIR QUENCHED BLOWN FILMS

Optics vs. Gauge for Example 1



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(57) Abstract: The invention is directed to a polypropylene resin, which is suitable for manufacturing an air quenched blown film. The resin has a melt flow rate of greater than 5 g/10 min, less than 2% xylene solubles, a pentad isotacticity of greater than 95%, an isotactic pentad/triad ratio of greater than 95%, a crystallinity of at least 65%, and a crystallization temperature of at least 127°C. The polypropylene resin contains from 500 ppm to 2500 ppm of a nucleator/clarifier additive. A quenched blown film made from resin exhibits a crystallization onset temperature of at least 116°C and a crystallization half-life time of less 4.1 seconds or less when tested using fast DSC analysis with a scan rate of 200°C/minute.



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